

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054743.D
 Acq On : 25 Aug 2022 19:48
 Operator : CG/JU
 Sample : PB147175TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147175TB

Quant Time: Aug 26 05:18:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

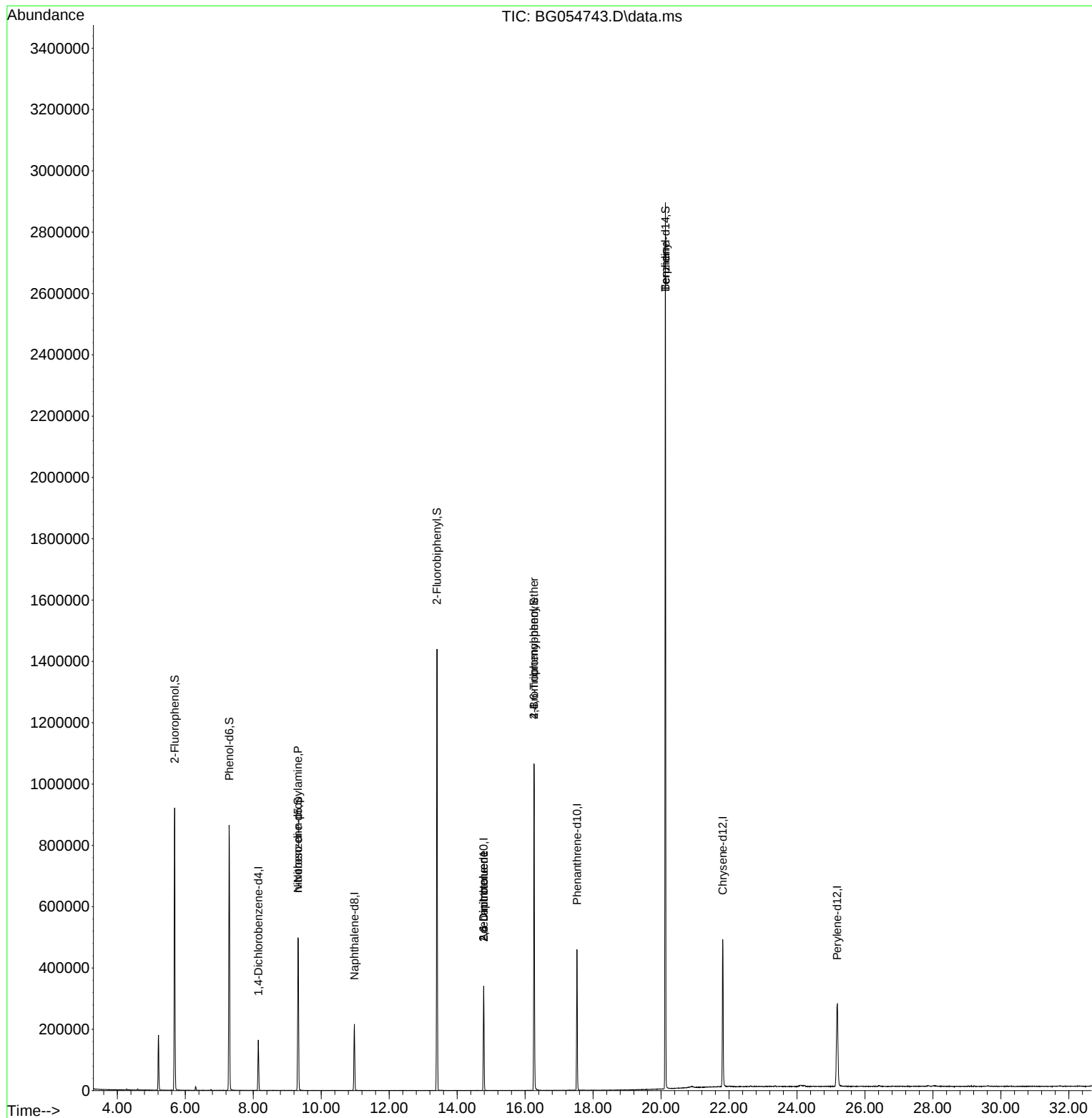
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	48688	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	194039	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	126161	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	298398	20.000	ng	0.00
76) Chrysene-d12	21.816	240	312346	20.000	ng	0.00
86) Perylene-d12	25.183	264	316210	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	411877	147.311	ng	0.00
7) Phenol-d6	7.292	99	536032	140.186	ng	0.00
23) Nitrobenzene-d5	9.319	82	327113	88.499	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	215441	136.661	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	754513	89.889	ng	0.00
79) Terphenyl-d14	20.130	244	1434815	91.019	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.319	70	40344	15.343	ng	# 81
51) 2,6-Dinitrotoluene	14.783	165	16561	8.330	ng	# 22
57) 2,4-Dinitrotoluene	14.783	165	16561	6.023	ng	# 19
67) 4-Bromophenyl-phenylether	16.264	248	13891	4.240	ng	# 1
77) Benzidine	20.130	184	22050	2.850	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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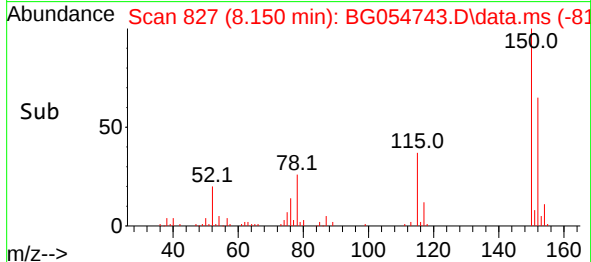
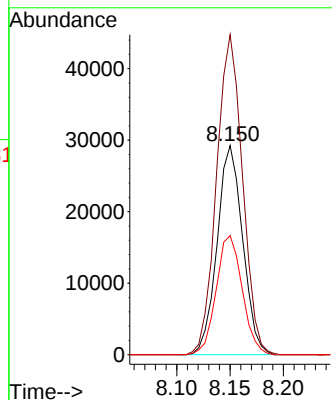
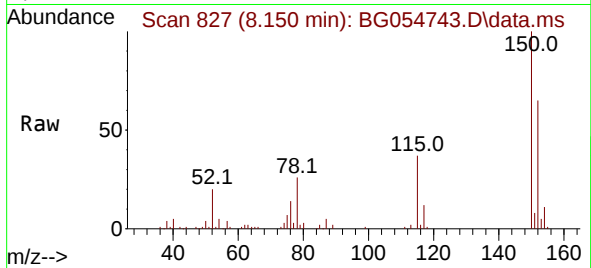




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

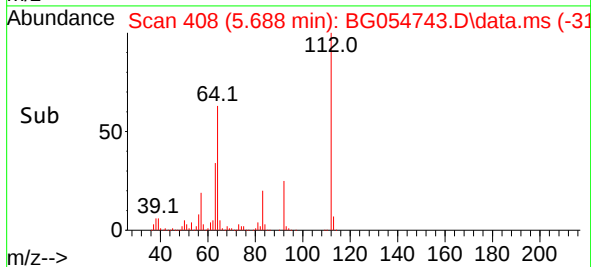
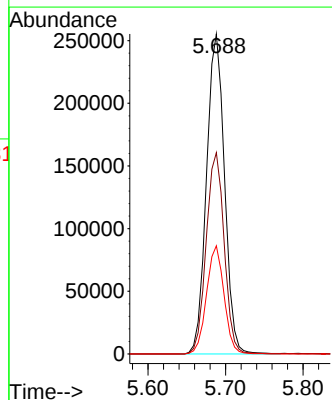
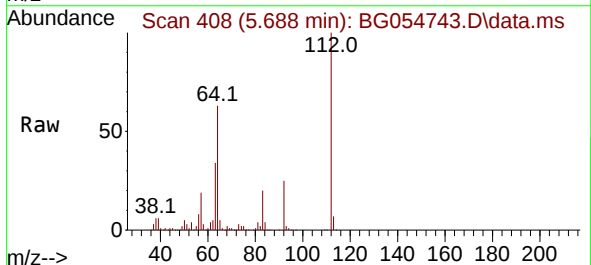
Instrument :
BNA_G
ClientSampleId :
PB147175TB

Tgt Ion:152 Resp: 48688
Ion Ratio Lower Upper
152 100
150 153.0 125.2 187.8
115 56.9 47.9 71.9



#5
2-Fluorophenol
Concen: 147.311 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:112 Resp: 411877
Ion Ratio Lower Upper
112 100
64 62.9 49.3 73.9
63 33.8 26.3 39.5

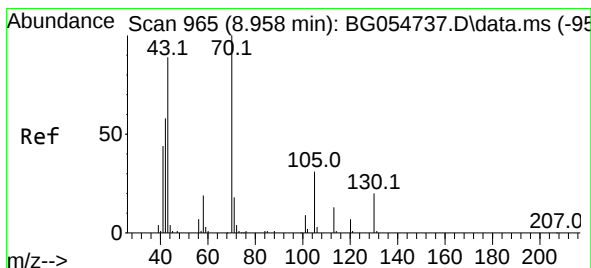
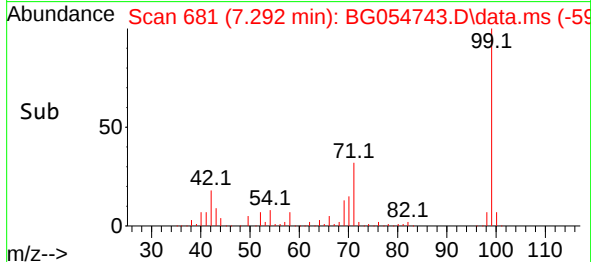
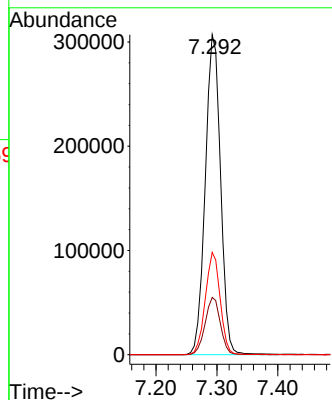
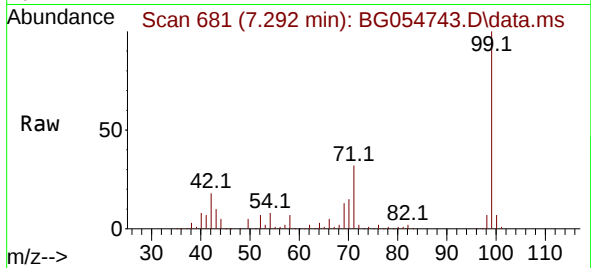




#7
Phenol-d6
Concen: 140.186 ng
RT: 7.292 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

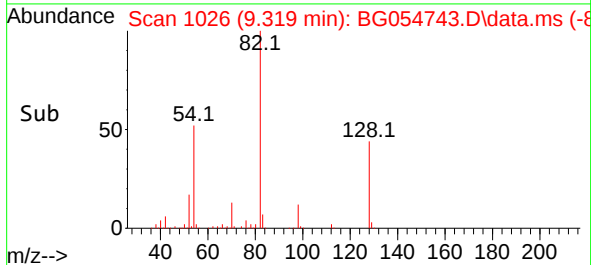
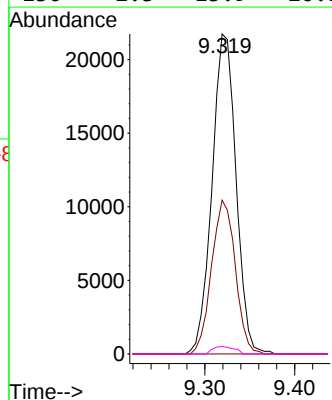
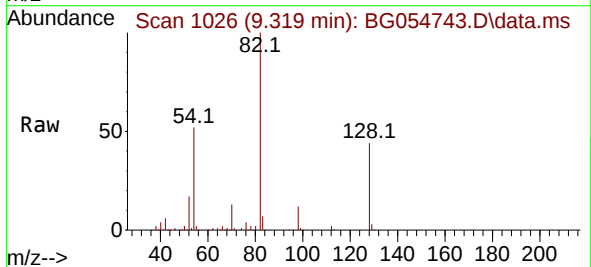
Instrument :
BNA_G
ClientSampleId :
PB147175TB

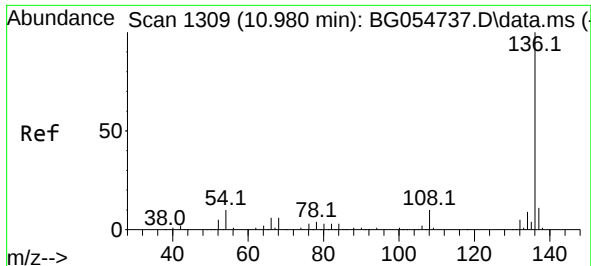
Tgt Ion: 99 Resp: 536032
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 31.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.343 ng
RT: 9.319 min Scan# 1026
Delta R.T. 0.361 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion: 70 Resp: 40344
Ion Ratio Lower Upper
70 100
42 48.0 46.6 69.8
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

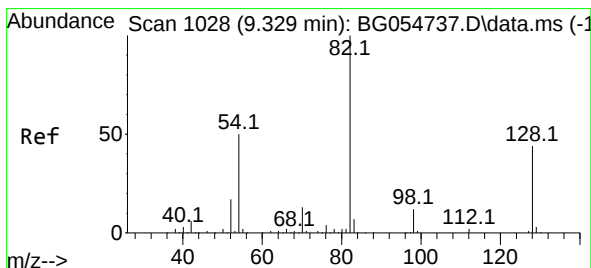
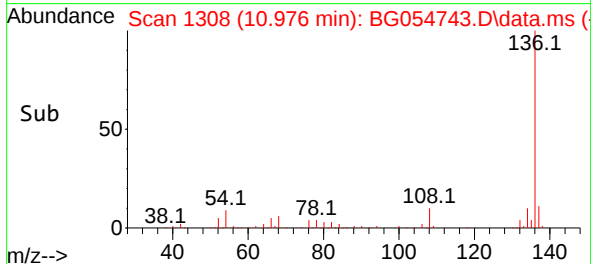
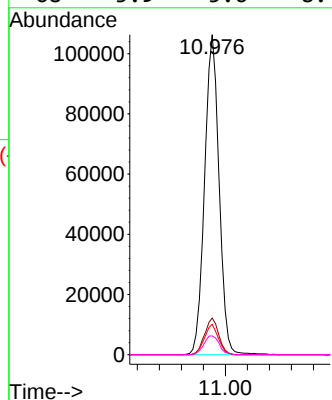
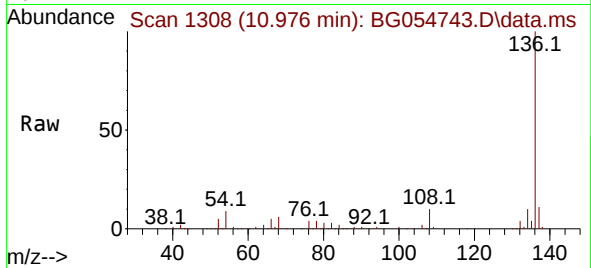




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

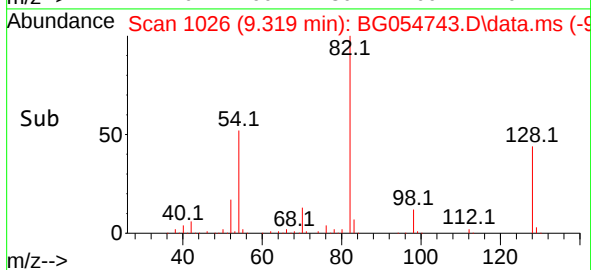
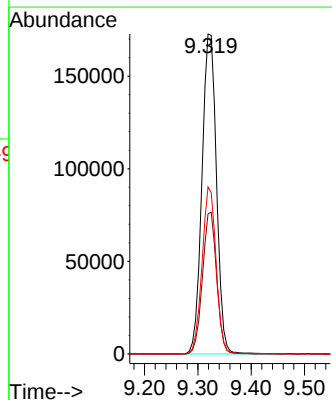
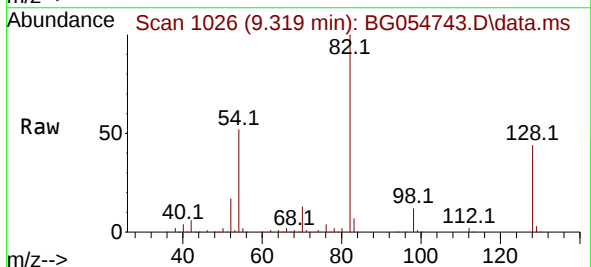
Instrument :
BNA_G
ClientSampleId :
PB147175TB

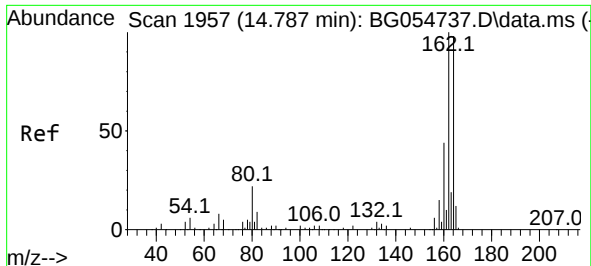
Tgt Ion:	136	Resp:	194039
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	9.5	7.7	11.5
68	5.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.499 ng
RT: 9.319 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:	82	Resp:	327113
Ion Ratio	Lower	Upper	
82	100		
128	43.8	32.2	48.2
54	52.2	41.4	62.0

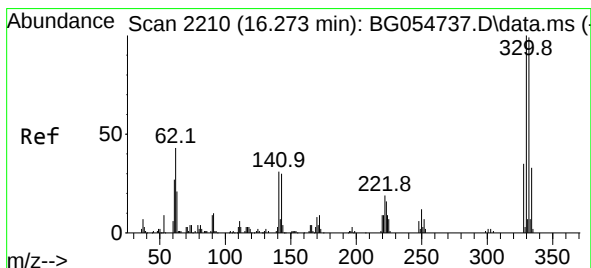
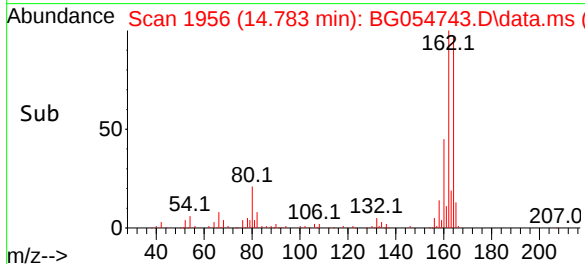
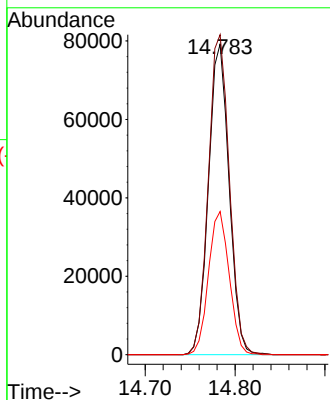
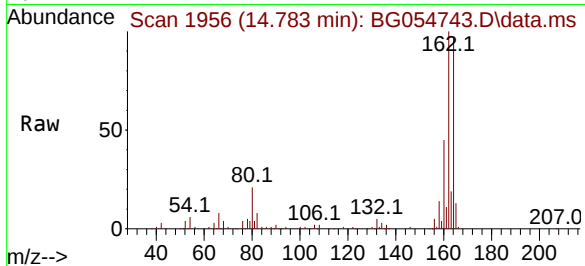




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

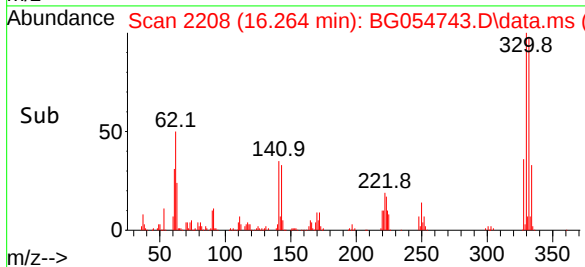
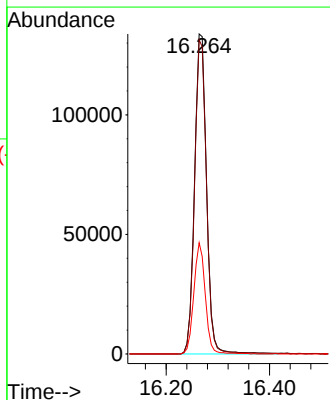
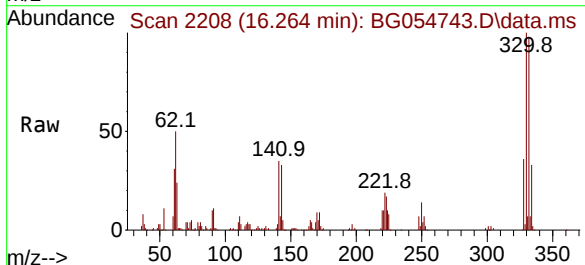
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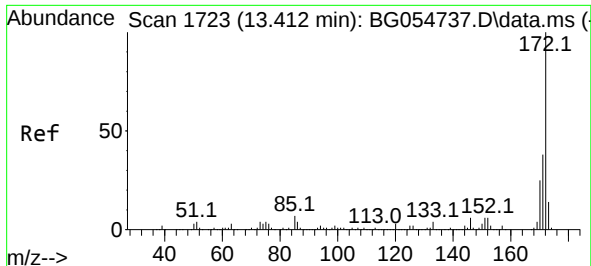
Tgt Ion:164 Resp: 126161
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 46.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 136.661 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.009 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:330 Resp: 215441
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 33.2 26.8 40.2

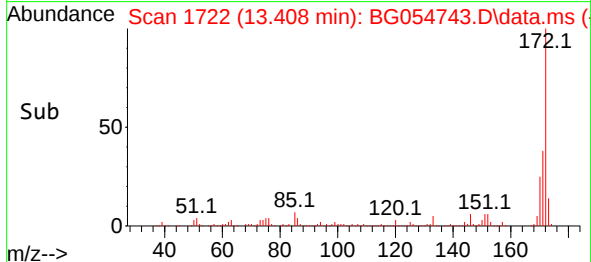
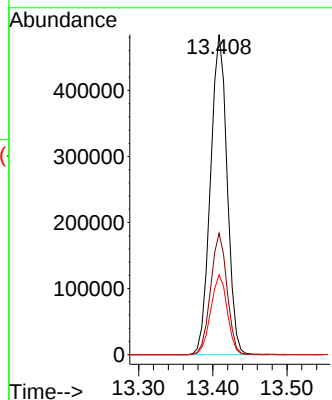
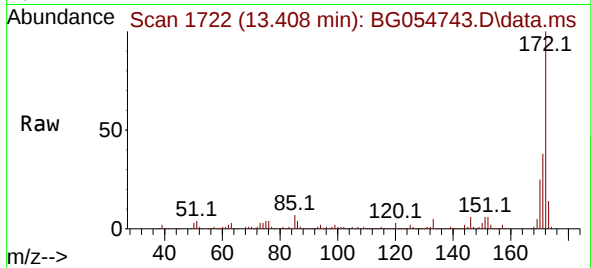




#45
2-Fluorobiphenyl
Concen: 89.889 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

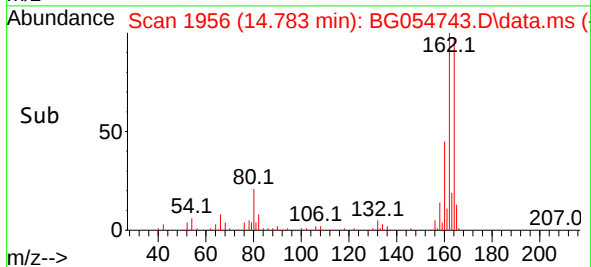
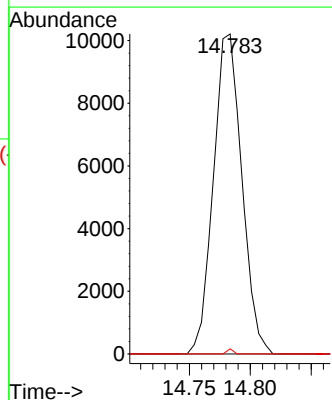
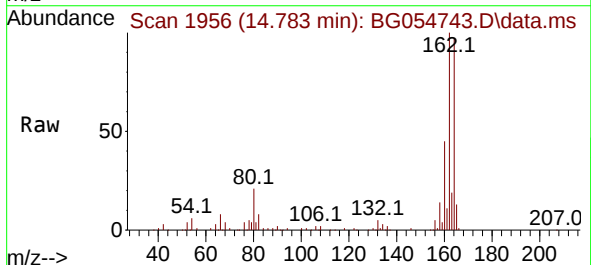
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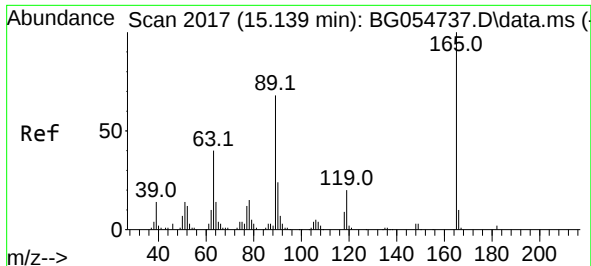
Tgt Ion:172 Resp: 754513
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.330 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:165 Resp: 16561
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.6 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.023 ng

RT: 14.783 min Scan# 1956

Delta R.T. -0.356 min

Lab File: BG054743.D

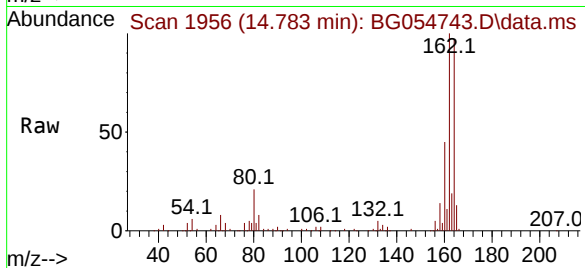
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Instrument :

BNA_G

ClientSampleId :

PB147175TB



Tgt Ion:165 Resp: 16561

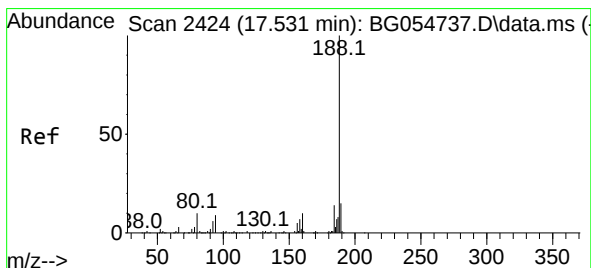
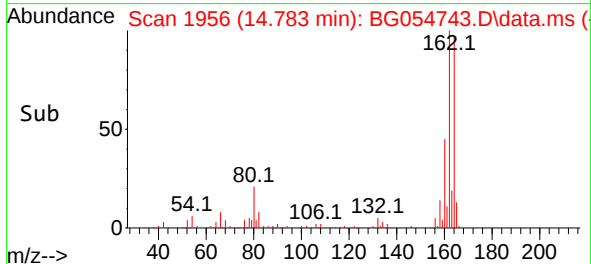
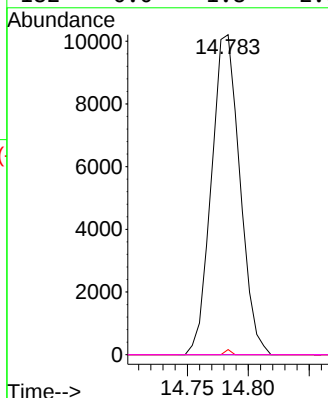
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 1.6 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.527 min Scan# 2423

Delta R.T. -0.004 min

Lab File: BG054743.D

Acq: 25 Aug 2022 19:48

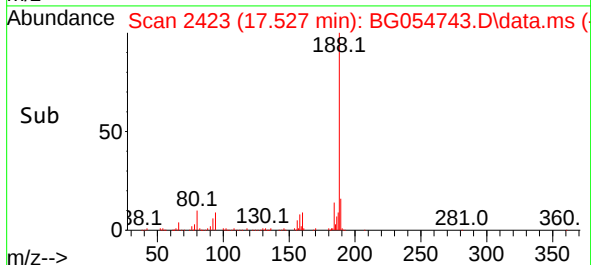
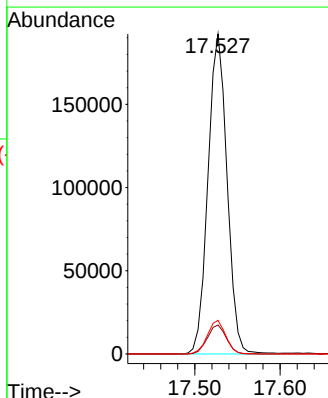
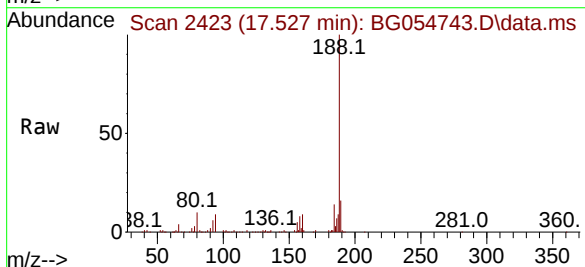
Tgt Ion:188 Resp: 298398

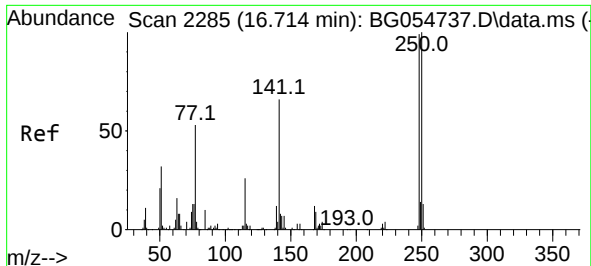
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 10.5 7.9 11.9

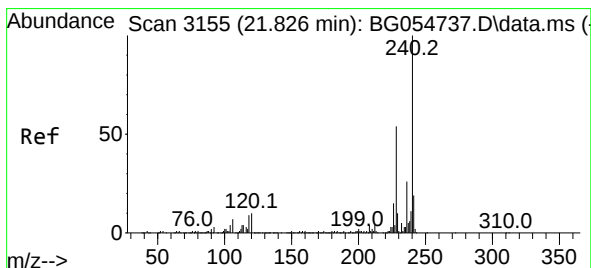
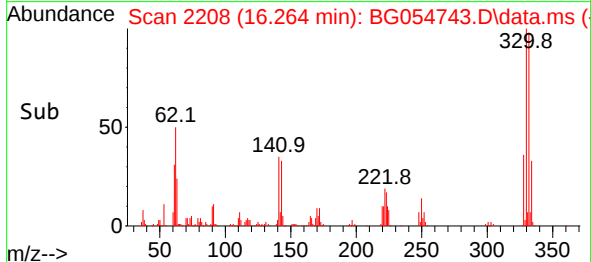
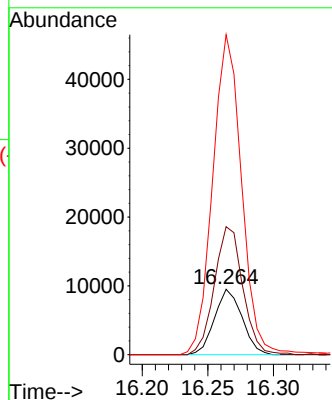
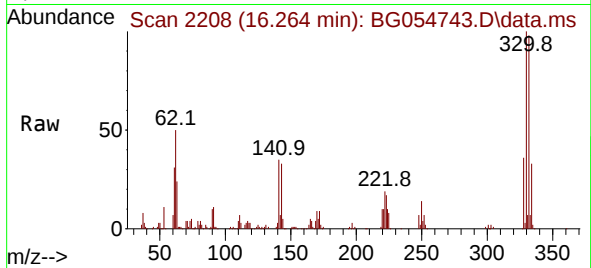




#67
4-Bromophenyl-phenylether
Concen: 4.240 ng
RT: 16.264 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

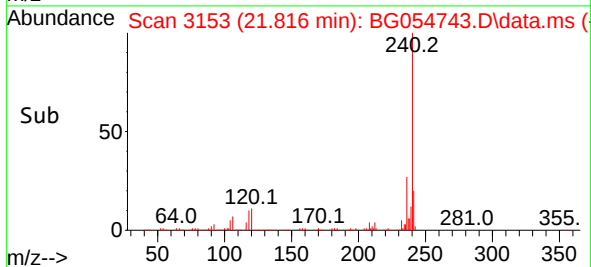
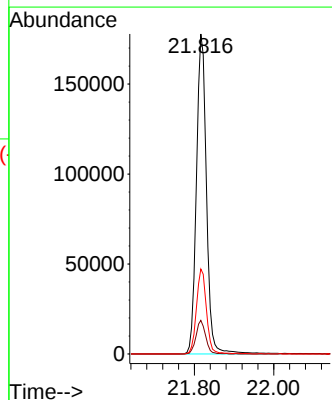
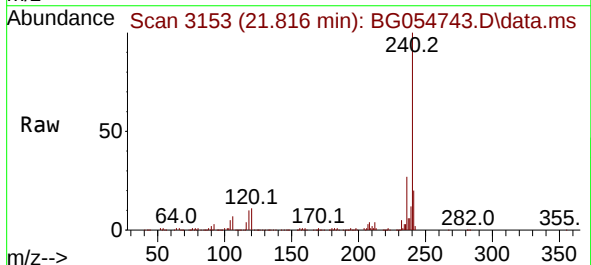
Instrument :
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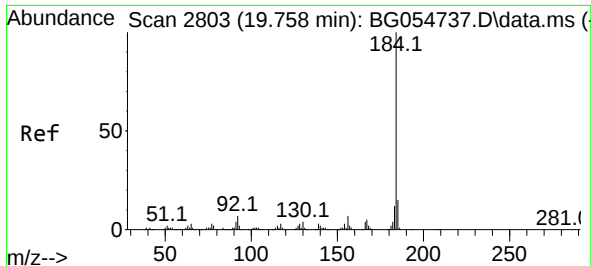
Tgt Ion:248 Resp: 13891
Ion Ratio Lower Upper
248 100
250 195.6 78.8 118.2#
141 488.9 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:240 Resp: 312346
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.5 21.2 31.8

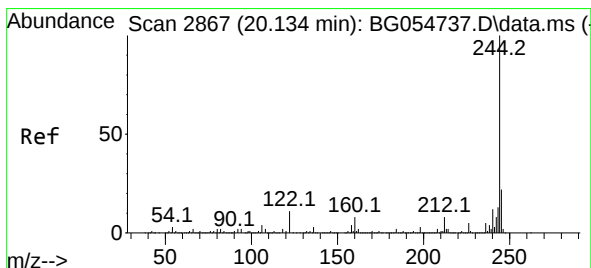
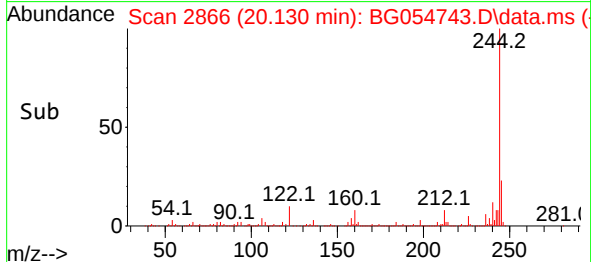
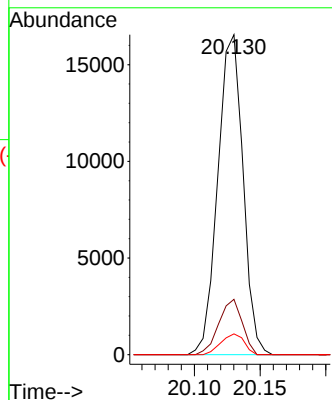
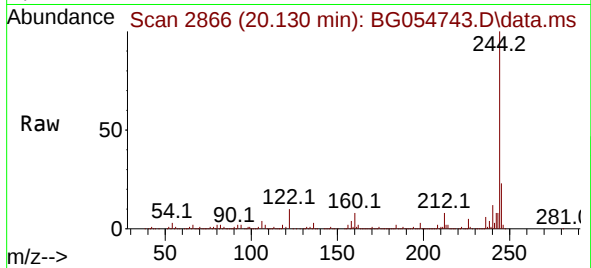




#77
Benzidine
Concen: 2.850 ng
RT: 20.130 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

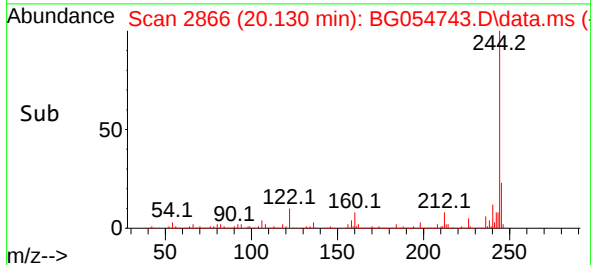
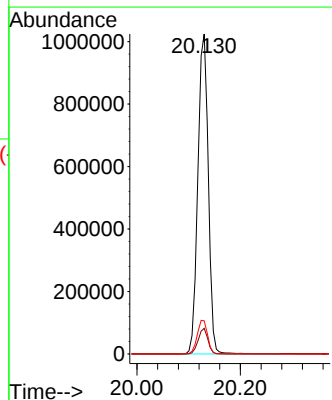
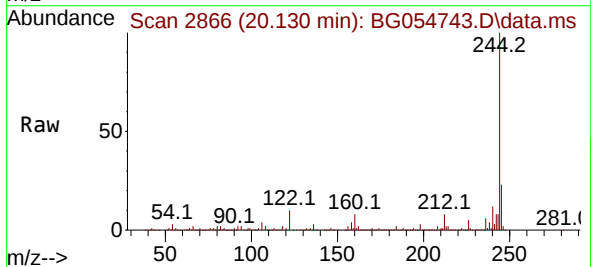
Instrument :
BNA_G
ClientSampleId :
PB147175TB

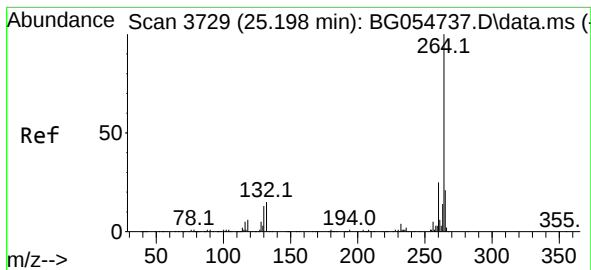
Tgt Ion:184 Resp: 22050
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.0#
183 6.5 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.019 ng
RT: 20.130 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG054743.D
Acq: 25 Aug 2022 19:48

Tgt Ion:244 Resp: 1434815
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.4 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.183 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG054743.D

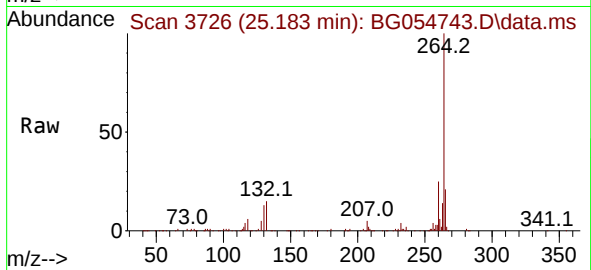
Acq: 25 Aug 2022 19:48

Instrument :

BNA_G

ClientSampleId :

PB147175TB



Tgt Ion:264 Resp: 316210

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 21.3 16.9 25.3

